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くしつ	/	l wo	90/120	095		A1	Purdue Researc	h Foundation	10/	18/1990	1				

WO 94/28015 **A1** Biotech Australia Pty. Limited 12/08/1994 WO 94/27613 **A1** Biotech Australia Pty. Limited 12/08/1994 WO 96/04016 02/15/1996 **A1** Amgen Inc. Date Examiner 6 Considered Signature

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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9-3		Coba	alamin Co	oupling. Ev	thesis of Cobalamin-Biotin Co aluation of Cobalamin Deriva histry 7(20): 217-232, March/	tive Binding to	Transcobalamin II,"				
UP		A. Ba April	ayomi et a 13, 1997	al., "Trigger , XP-00107	ed Release of Chlorambucil (3706 (online abstract).	from an Inactive	e Bioconjugate," p. 123,				
V					ation and Study of Photolabile XP-001073707 (online abstra		mor Drug Conjugates,"				
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Examiner Initials*	Cite No. ¹	Number Kind (if k						entee or Applican d Document	t 	Date of Publication of Cited Document MM-DD-YYYY			
42	1	47584	21				Goodwin et al.	07-19-1988					
110	2	50472	27				Rodwell et al.	09-10-1991					
	3	54280	23				Russell-Jones et al.			06-27-1995			
	4	55124	43				Schlom et al.			04-30-1996			
	5	55894	63				Russell-Jones et al.			12-31-1996			
	/ 6	56080	46				Cook et al.	03-04-1997					
4	7	57635	69				Brown et al.	06-09-1998					
				FOI	REIG	N PA	TENT DOCUMEN	TS					
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43	9	Russell-Jones, G.J., et al., "Vitamin B ₁₂ Mediated Oral Delivery Systems for Granulocyte-Colony Stimulating Factor and Erythropoietin", <i>Bioconjugate Chem.</i> , 1995, 6:459-465.											
Of	10	phena	er, S. et enthrolin 2:863-8	e and their	sis of	f meta bindir	al complexes of 2,4 ng and cleaving ac	9-bis(2-hydroxyp ctivities", <i>J Chen</i>	ohenyl) 1 Soc F	-1,10- Perin Trans,			
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2) 11				ifying Effect of Organ ", <i>Anticancer Res</i> , 19			on the Tumour Response				
U F	12		Mandal, S.S. et al., "Role of the Central Metal Ion and Ligand Charge in the DNA Binding and Modification by Metallosalen Complexes", <i>Bioconjugate Chem</i> , 1997, 8:798-812.									
	13	Orga	Marzilli, L.G. et al., "Transfer of Organometallic Chemistry of Substituent Constants form Organic Chemistry. 1. Resolution of Longstanding Anomalies in the Chemistry of Organocobalt B ₁₂ Models and Organocobalamins", <i>J Am Chem Soc</i> , 1987, 109:6045-6052.									
	14		Vol'pin, M. et al., "New Course in the Search for Antitumor Agent: The Use of pH-Dependent Sources of Reactive Radicals", <i>Agnew Chem Int Ed Engl</i> , 1996, 35:2395-2396.									
	15		Natarajan, E.N and Grissom, C.B., "Magnetic Field Effects on the Photolysis of Alkyl-Cobalt Complexes", Abstracts of Papers of Am Chem Society, 1996, 213:17-INOR.									
	16		Grissom, C.B. and Chagovetz, A.M, "Magnetic Field Effects in Model B12 Enzymatic Reactions. The Photolysis of Methylcob(III)alamin", <i>Zeit Physik Chem</i> , 1993, 182:181-188.									
	17		Verma, I.M. and Somia, N., "Gene therapy - promises, problems and prospects", <i>Nature</i> , 1997, 389:239-242.									
	18		Crystal, R.G., "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", Science, 1995, 270:404-410.									
	19	Brand 50.	Branch, A.D., "A good antisense molecule is hard to find", <i>Trends Biochem Sci</i> , 1998, 23:45-50.									
	20	Fried	Friedman, T., "Overcoming the Obstacles", Scientific American, June 1997, 96-101.									
	21		Schofield, J.P. and Caskey, C.T., "Non-viral appoaches to gene therapy", <i>Bri Med Bull</i> , 1995, 51:56-71.									
	22		Cooke, S.T., "Basic Principles of Antisense Therapeutics", in <i>Antisense Research and Application</i> , 1998, 1-50, Agrawal, T. et al., eds., Springer-Verlag, Berlin.									
ę	/ 23		nistry and		, "Diagnostic and The try of B12, 1999, 386-			of Cobalamin", in d., John Wiley & Sons,				
Examiner		1/1	_	$\overline{}$	_		Date		_ 1			

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